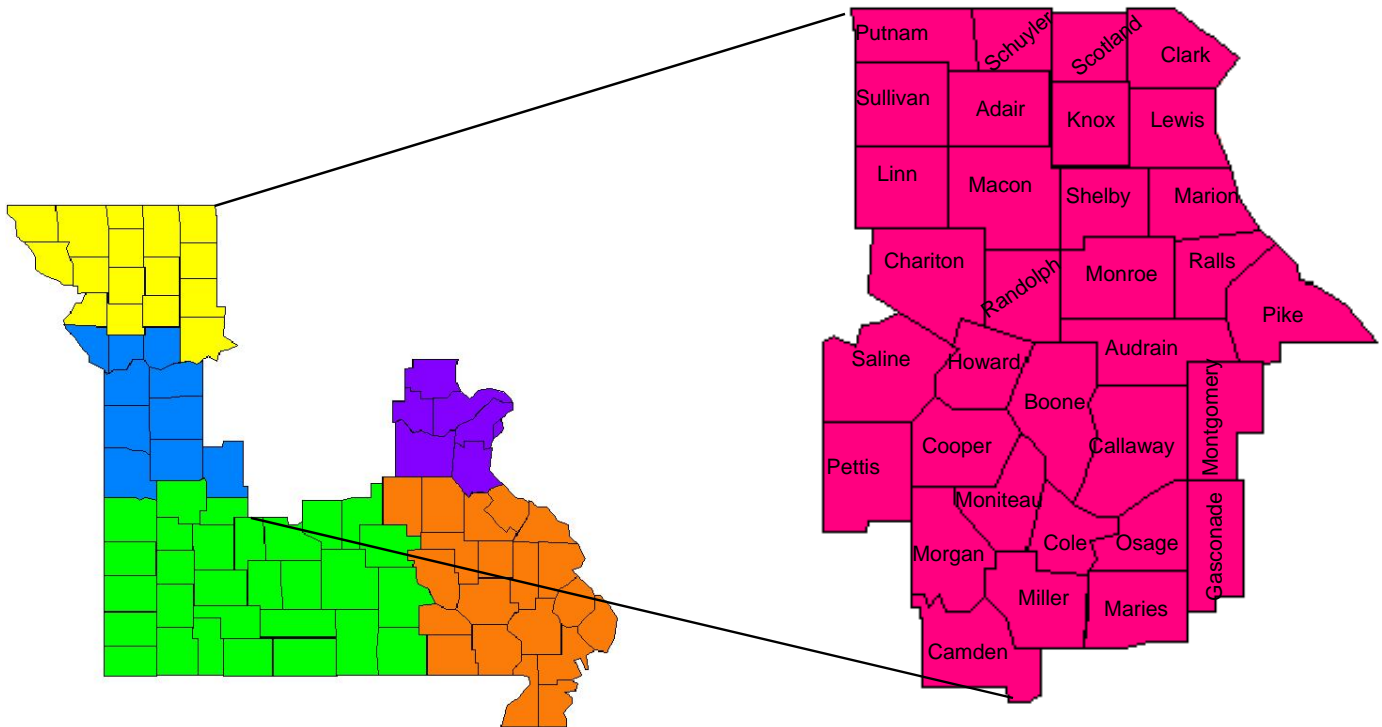


NORTH CENTRAL HIV REGION



2000 population estimates for the North Central HIV Region*

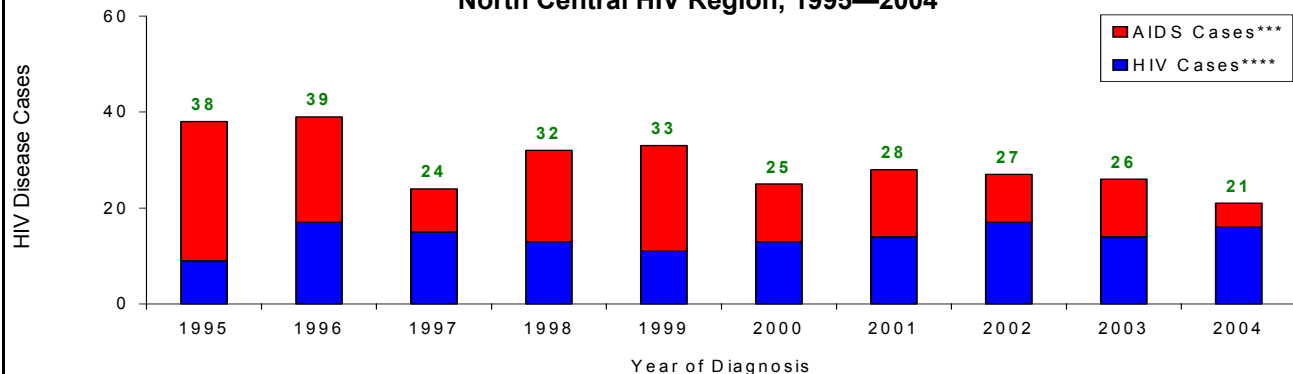
County	White		African American		American Indian		Asian/Pacific Islander		Hispanic		Total**	
Adair County	23,738	95.0%	291	1.2%	57	0.2%	358	1.4%	315	1.3%	24,977	100.0%
Audrain County	23,425	90.6%	1,849	7.2%	66	0.3%	94	0.4%	189	0.7%	25,853	100.0%
Boone County	114,367	84.4%	11,479	8.5%	524	0.4%	4,040	3.0%	2,413	1.8%	135,454	100.0%
Callaway County	37,191	91.2%	2,303	5.6%	200	0.5%	210	0.5%	377	0.9%	40,766	100.0%
Camden County	35,954	97.0%	94	0.3%	168	0.5%	121	0.3%	346	0.9%	37,051	100.0%
Chariton County	8,067	95.6%	264	3.1%	13	0.2%	11	0.1%	47	0.6%	8,438	100.0%
Clark County	7,294	98.4%	5	0.1%	15	0.2%	6	0.1%	52	0.7%	7,416	100.0%
Cole County	61,684	86.4%	7,049	9.9%	219	0.3%	641	0.9%	915	1.3%	71,397	100.0%
Cooper County	14,762	88.6%	1,482	8.9%	58	0.3%	37	0.2%	143	0.9%	16,670	100.0%
Gasconade County	15,101	98.4%	17	0.1%	27	0.2%	25	0.2%	64	0.4%	15,342	100.0%
Howard County	9,267	90.7%	694	6.8%	33	0.3%	20	0.2%	88	0.9%	10,212	100.0%
Knox County	4,277	98.1%	4	0.1%	1	0.0%	4	0.1%	26	0.6%	4,361	100.0%
Lewis County	10,032	95.6%	264	2.5%	16	0.2%	23	0.2%	77	0.7%	10,494	100.0%
Linn County	13,406	97.5%	82	0.6%	47	0.3%	19	0.1%	104	0.8%	13,754	100.0%
Macon County	15,071	95.6%	347	2.2%	60	0.4%	27	0.2%	121	0.8%	15,762	100.0%
Maries County	8,609	96.7%	29	0.3%	47	0.5%	10	0.1%	103	1.2%	8,903	100.0%
Marion County	26,236	92.7%	1,303	4.6%	66	0.2%	93	0.3%	252	0.9%	28,289	100.0%
Miller County	22,934	97.3%	63	0.3%	100	0.4%	32	0.1%	231	1.0%	23,564	100.0%
Moniteau County	13,556	91.4%	557	3.8%	58	0.4%	48	0.3%	435	2.9%	14,827	100.0%
Monroe County	8,769	94.2%	357	3.8%	37	0.4%	14	0.2%	52	0.6%	9,311	100.0%
Montgomery County	11,596	95.6%	245	2.0%	29	0.2%	31	0.3%	94	0.8%	12,136	100.0%
Morgan County	18,693	96.8%	97	0.5%	119	0.6%	24	0.1%	161	0.8%	19,309	100.0%
Osage County	12,828	98.2%	16	0.1%	31	0.2%	13	0.1%	77	0.6%	13,062	100.0%
Pettis County	35,810	90.9%	1,181	3.0%	130	0.3%	172	0.4%	1,527	3.9%	39,403	100.0%
Pike County	16,110	87.8%	1,672	9.1%	41	0.2%	34	0.2%	295	1.6%	18,351	100.0%
Putnam County	5,155	98.7%	3	0.1%	5	0.1%	7	0.1%	32	0.6%	5,223	100.0%
Ralls County	9,393	97.6%	106	1.1%	18	0.2%	8	0.1%	42	0.4%	9,626	100.0%
Randolph County	22,164	89.9%	1,717	7.0%	106	0.4%	95	0.4%	282	1.1%	24,663	100.0%
Saline County	20,923	88.1%	1,268	5.3%	47	0.2%	131	0.6%	1,050	4.4%	23,756	100.0%
Schuyler County	4,086	98.0%	2	0.0%	13	0.3%	8	0.2%	27	0.6%	4,170	100.0%
Scotland County	4,890	98.1%	10	0.2%	7	0.1%	5	0.1%	42	0.8%	4,983	100.0%
Shelby County	6,628	97.5%	66	1.0%	18	0.3%	7	0.1%	43	0.6%	6,799	100.0%
Sullivan County	6,508	90.2%	9	0.1%	12	0.2%	15	0.2%	634	8.8%	7,219	100.0%
Region Totals	648,524	91.1%	34,925	4.9%	2,388	0.3%	6,383	0.9%	10,656	1.5%	711,541	100.0%

*Based on 2000 US Census Bureau data.

**Totals include persons of Other/Unknown races/ethnicities not listed.

MAGNITUDE AND IMPACT OF THE PROBLEM

Figure 1. HIV disease cases, by current status* and year of diagnosis, North Central HIV Region, 1995—2004**



*HIV case vs. AIDS case

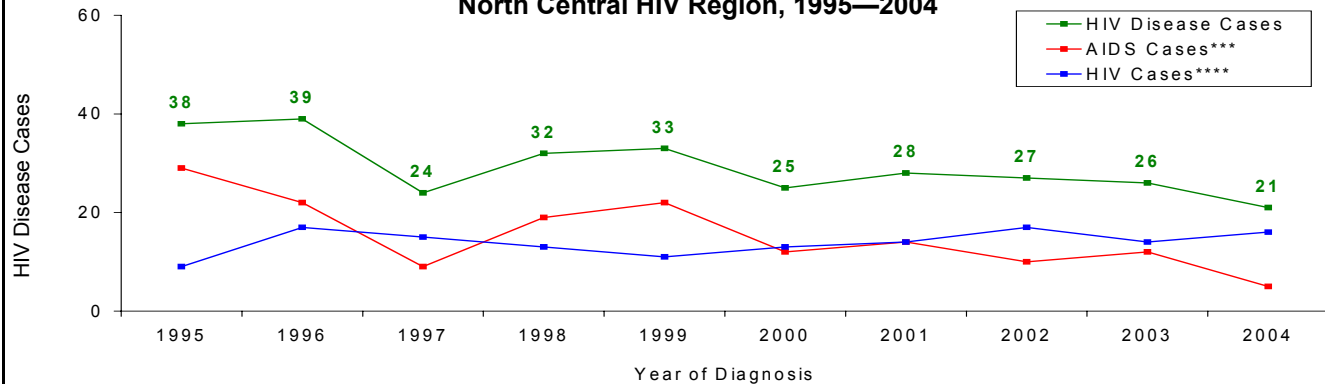
**Cases are indicated by year of initial diagnosis reported to the Missouri Department of Health and Senior Services. (The year in which the first diagnosis of the person, whether as an HIV case or an AIDS case, was documented by the Department.)

***These cases were either: 1) initially reported as HIV cases and then later reclassified as AIDS cases because they subsequently met the AIDS case definition; or 2) initially reported as AIDS cases.

****These cases were initially reported as HIV cases and have remained HIV cases. (They have not met the case definition for AIDS.)

- At the end of December 2004, there were 614 cumulative cases of HIV disease in the North Central HIV Region. Of these, 188 were HIV cases and 426 were AIDS cases.
- The 16 new HIV cases in 2004 were a 23.1% increase in HIV diagnoses compared to 2003; whereas, the five new AIDS cases were a 54.5% decrease.
- For additional information, refer to the interpretation guidelines.

Figure 2. Reported HIV disease cases, by current status* and year of diagnosis, North Central HIV Region, 1995—2004**

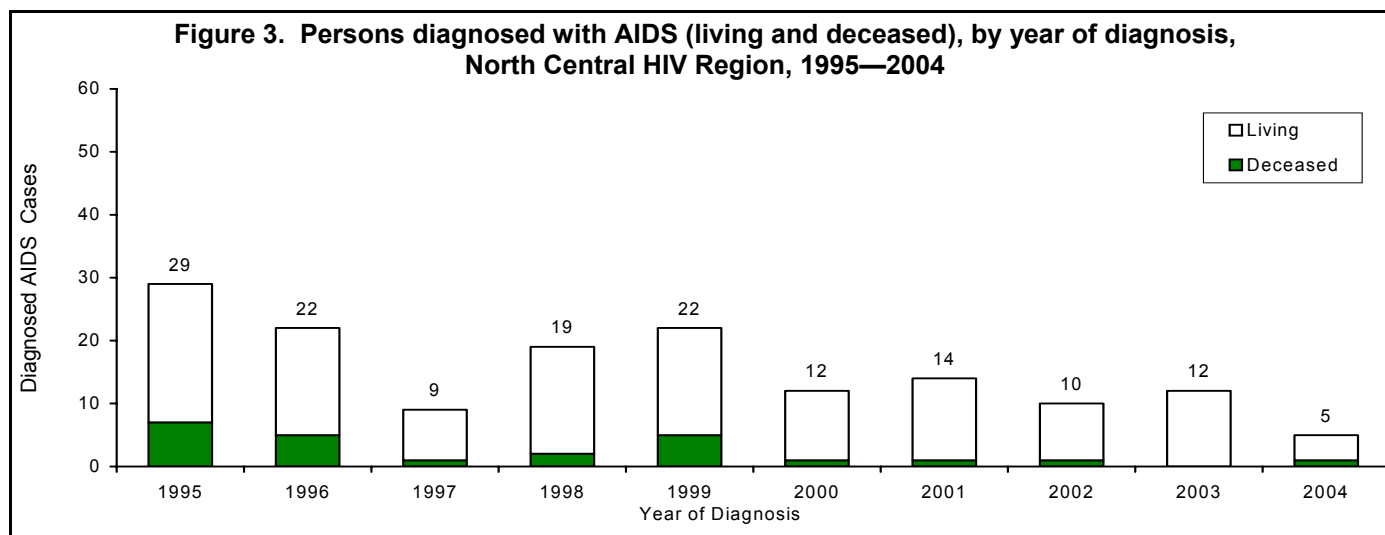


*HIV case vs. AIDS case

**Cases are indicated by year of initial diagnosis reported to the Missouri Department of Health and Senior Services. (The year in which the first diagnosis of the person, whether as an HIV case or an AIDS case, was documented by the Department.)

***These cases were either: 1) initially reported as HIV cases and then later reclassified as AIDS cases because they subsequently met the AIDS case definition; or 2) initially reported as AIDS cases.

****These cases were initially reported as HIV cases and have remained HIV cases. (They have not met the case definition for AIDS.)



- Of the 426 AIDS cases diagnosed in this region, 220 (51.6%) were still living at the end of 2004.

WHO

Table 1. Diagnosed HIV, AIDS, and HIV disease cases, by sex, by race/ethnicity, by race/ethnicity and sex, North Central HIV Region, 2004

	HIV*			AIDS**			HIV Disease***		
	Cases	%	Rate****	Cases	%	Rate****	Cases	%	Rate****
Male	12	75.0%	3.4	4	80.0%	1.1	16	76.2%	4.5
Female	4	25.0%	1.1	1	20.0%	0.3	5	23.8%	1.4
Total	16	100.0%	2.2	5	100.0%	0.7	21	100.0%	3.0
White	14	87.5%	2.2	5	100.0%	0.8	19	90.5%	2.9
Black	2	12.5%	5.7	0	0.0%	0.0	2	9.5%	5.7
Hispanic	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	16	100.0%	2.2	5	100.0%	0.7	21	100.0%	3.0
White Male	10	83.3%	3.1	4	100.0%	1.3	14	87.5%	4.4
Black Male	2	16.7%	10.3	0	0.0%	0.0	2	12.5%	10.3
Hispanic Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian Male	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Total	12	100.0%	3.4	4	100.0%	1.1	16	100.0%	4.5
White Female	4	100.0%	1.2	1	100.0%	0.3	5	100.0%	1.5
Black Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Hispanic Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Asian Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
American Indian Female	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Unknown	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0
Totals	4	100.0%	1.1	1	100.0%	0.3	5	100.0%	1.4

*HIV cases diagnosed during 2004 which remained HIV cases at the end of the year.

**AIDS cases initially diagnosed in 2004.

***The sum of newly diagnosed HIV cases and newly diagnosed AIDS cases. Does not include cases which progressed to AIDS in 2004.

****Per 100,000 population based on 2000 US Census Bureau data.

Note: Percentages may not total due to rounding.

- In 2003, there was a 1.6:1 male-to-female ratio of new HIV disease cases; in 2004, this ratio doubled to 3.2 males for every female diagnosed.
- As seen in 2003, all reported HIV disease cases in 2004 were in Whites and Blacks in the North Central HIV Region.
- There was an 18.8% increase in the number of new HIV disease cases among Whites and an 84.6% decrease in the number of Blacks infected from 2003 to 2004.

WHERE

Table 2. HIV and AIDS cases and rates, by geographic area, North Central HIV Region, 2004 and cumulative*

Geographic Area	HIV Cases						AIDS Cases					
	Diagnosed 2004**			Cumulative			Diagnosed 2004			Cumulative		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Location												
Boone County	6	37.5%	4.4	86	45.7%	63.5	1	20.0%	0.7	185	43.4%	136.6
Cole County	1	6.3%	1.4	26	13.8%	36.4	2	40.0%	2.8	42	9.9%	58.8
Callaway County	3	18.8%	7.4	10	5.3%	24.5	0	0.0%	0.0	20	4.7%	49.1
Marion County	0	0.0%	0.0	5	2.7%	17.7	1	20.0%	3.5	13	3.1%	46.0
Pettis County	1	6.3%	2.5	8	4.3%	20.3	1	20.0%	2.5	19	4.5%	48.2
Gasconade County	0	0.0%	0.0	5	2.7%	32.6	0	0.0%	0.0	9	2.1%	58.7
Remainder of Region	5	31.3%	1.3	48	25.5%	12.6	0	0.0%	0.0	138	32.4%	36.2
NORTH CENTRAL HIV REGION TOTAL	16	100.0%	2.2	188	100.0%	26.4	5	100.0%	0.7	426	100.0%	59.9

*Includes all cases, living and deceased.

**HIV cases diagnosed and reported to DHSS during 2004 which remained HIV cases at the end of the year.

***Per 100,000 population based on 2000 US Census Bureau data.

Note: Percentages may not total due to rounding.

- There were three new HIV cases diagnosed in Callaway County in 2004, whereas in 2003, there were no cases reported in this jurisdiction.
- From 2003 to 2004, there was a 57.1% and 30% decrease in HIV disease cases diagnosed in Cole County and in Boone County, respectively.

EXPOSURE CATEGORIES

Men Who Have Sex with Men (MSM)

Table 3. Incidence and prevalence of HIV and AIDS cases in men who have sex with men, by race, North Central HIV Region, 2004

Race/Ethnicity	HIV Cases*				AIDS Cases			
	Incidence		Prevalence		Incidence**		Prevalence	
	Cases	%	Cases	%	Cases	%	Cases	%
White	6	75.0%	66	76.7%	4	100.0%	94	78.3%
Black	2	25.0%	17	19.8%	0	0.0%	23	19.2%
Other/Unknown	0	0.0%	3	3.5%	0	0.0%	3	2.5%
NORTH CENTRAL HIV REGION TOTAL	8	100.0%	86	100.0%	4	100.0%	120	100.0%

*HIV cases diagnosed during 2004 which remained HIV cases at the end of the year.
 **Does not include HIV cases that progressed to AIDS.
 Note: Percentages may not total due to rounding.

- Compared to 2003, there were one-third more MSM HIV disease cases diagnosed within this region in 2004.
- This increase was a result of five more HIV cases and two fewer AIDS cases reported in 2004 than in 2003.

Table 4. HIV prevalence in men who have sex with men, by race/ethnicity, by age, North Central HIV Region, 2004

Age Group	White		Black		Hispanic		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%***
13-18	1	1.5%	2	11.8%	0	0.0%	3	3.5%
19-24	16	24.2%	4	23.5%	0	0.0%	20	23.3%
25-44	44	66.7%	10	58.8%	2	100.0%	56	65.1%
45-64	5	7.6%	1	5.9%	0	0.0%	7	8.1%
65+	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTA	66	100.0%	17	100.0%	2	100.0%	86	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentage of race/ethnicity in each age group.

***Percentage of cases per age group.

Note: Percentages may not total due to rounding.

- Consistent with previous years, most living MSM HIV cases occurred in persons in the 25-44 age group.

Table 5. HIV prevalence in men who have sex with men, by race, by geographic area, North Central HIV Region, 2004

Geographic Area	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
Boone County	39	73.6%	12	22.6%	53	61.6%
Cole County	6	85.7%	1	14.3%	7	8.1%
Remaining Counties	21	80.8%	4	15.4%	26	30.2%
NORTH CENTRAL HIV REGION TOTAL	66	76.7%	17	19.8%	86	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentage of race in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

- Among the White MSM diagnosed with HIV still living at the end of 2004, 59.1% were in Boone County, 9% were in Cole County, and 31.8% were living in the remaining counties in the North Central HIV Region.
- In 2004, 70.6% of living Black MSM were diagnosed in Boone County, 5.9% in Cole County, and 23.5% in the remaining counties in the region.
- These percentages were similar to those reported within this region in 2003.

Men Who Have Sex with Men and Inject Drugs (MSM/IDU)

Table 6. HIV and AIDS incidence and prevalence in men who have sex with men and inject drugs, by race, North Central HIV Region, 2004

Race	HIV Cases*				AIDS Cases			
	Incidence		Prevalence		Incidence**		Prevalence	
	Cases	%	Cases	%	Cases	%	Cases	%
White	0	0.0%	6	85.7%	0	0.0%	12	85.7%
Black	0	0.0%	1	14.3%	0	0.0%	2	14.3%
NORTH CENTRAL HIV REGION TOTAL ***	0	--	7	100.0%	0	--	14	100.0%

*HIV cases diagnosed during 2004 which remained HIV cases at the end of the year.

***Does not include HIV cases that progressed to AIDS.

Note: Percentages may not total due to rounding.

- In 2003, there was one new MSM/IDU HIV disease case, whereas, there were no new cases in 2004.

Table 7. HIV prevalence in men who have sex with men and inject drugs, by race, by age, North Central HIV Region, 2004

Age Group	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
13-18	0	0.0%	0	0.0%	0	0.0%
19-24	0	0.0%	0	0.0%	0	0.0%
25-44	6	100.0%	1	100.0%	7	100.0%
45-64	0	0.0%	0	0.0%	0	0.0%
65+	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTAL	6	100.0%	1	100.0%	7	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentage of race in each age group.

***Percentage of cases per age group.

Note: Percentages may not total due to rounding.

- All of the living MSM/IDU HIV cases were in the 25-44 age group, which is consistent with trends from previous years.

Table 8. HIV prevalence in men who have sex with men and inject drugs, North Central HIV Region, 2004

Geographic Area	Cases	%
NORTH CENTRAL HIV REGION TOTAL	7	100.0%

Injecting Drug Users (IDU)

Table 9. Incidence and prevalence of HIV and AIDS cases in injecting drug users, by race and sex, North Central HIV Region, 2004

Race and Sex	HIV Cases*				AIDS Cases			
	Incidence		Prevalence		Incidence**		Prevalence	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	1	50.0%	9	56.3%	0	0.0%	3	23.1%
Black Male	0	0.0%	0	0.0%	0	0.0%	6	46.2%
White Female	1	50.0%	7	43.8%	0	0.0%	3	23.1%
Black Female	0	0.0%	0	0.0%	0	0.0%	1	7.7%
NORTH CENTRAL HIV REGION TOTAL ***	2	100.0%	16	100.0%	0	--	13	100.0%

*HIV cases diagnosed during 2004 which remained HIV cases at the end of the year.

**Does not include HIV cases that progressed to AIDS.

***Totals include Other/Unknown cases not listed in columns.

Note: Percentages may not total due to rounding.

- There were no IDU HIV disease cases reported in 2003. The two new cases reported in 2004 were both White, one male and one female and is consistent with the prevalence of HIV disease within this exposure category.

Table 10. HIV prevalence in injecting drug users, by race, by age, North Central HIV Region, 2004

Age Group	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
13-18	1	6.3%	0	0.0%	1	6.3%
19-24	2	12.5%	0	0.0%	2	12.5%
25-44	13	81.3%	0	0.0%	13	81.3%
45-64	0	0.0%	0	0.0%	0	0.0%
65+	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTAL	16	100.0%	0	--	16	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentage of race in each age group.

***Percentage of cases per age group.

Note: Percentages may not total due to rounding.

- Of the HIV cases diagnosed in the North Central HIV Region and still living at the end of 2004, all were White, and most were in the 25-44 age group; these two trends are consistent with data from previous years.

Table 11. HIV prevalence in injecting drug users, by geographic area, North Central HIV Region, 2004

Geographic Area	Total	
	Cases	%
Boone County	3	18.8%
Remaining Counties	13	81.3%
NORTH CENTRAL HIV REGION TOTAL	16	100.0%

Note: Percentages may not total due to rounding.

- The location of IDU HIV cases changed slightly from the 2003 distributions with 11.2% fewer cases located in Boone County.

Heterosexual Contacts

Table 12. HIV and AIDS incidence and prevalence in heterosexual contacts, by race and sex, North Central HIV Region, 2004

Race and Sex	HIV Cases*				AIDS Cases			
	Incidence		Prevalence		Incidence**		Prevalence	
	Cases	%	Cases	%	Cases	%	Cases	%
White Male	0	0.0%	6	13.6%	0	0.0%	6	14.6%
Black Male	0	0.0%	4	9.1%	0	0.0%	3	7.3%
White Female	1	100.0%	21	47.7%	0	0.0%	23	56.1%
Black Female	0	0.0%	12	27.3%	0	0.0%	6	14.6%
NORTH CENTRAL HIV REGION TOTAL***	1	100.0%	44	100.0%	0	--	41	100.0%

*HIV cases diagnosed during 2004 which remained HIV cases at the end of the year.

**Does not include HIV cases that progressed to AIDS.

***Total includes Other/Unknown cases not listed.

Note: Percentages may not total due to rounding.

- Consistent with the other regions, the majority of living heterosexual HIV disease cases were females.
- There has been an 85.7% decrease in new HIV disease cases from 2003 to 2004 within this exposure category.

Table 13. HIV prevalence in heterosexual contacts, by race and sex, by age group, North Central HIV Region, 2004

Age Group	White Males		Black Males		White Females		Black Females		Total*	
	Cases	%**	Cases	%**	Cases	%**	Cases	%**	Cases	%***
13-18	0	0.0%	0	0.0%	1	4.8%	1	8.3%	2	4.5%
19-24	2	33.3%	0	0.0%	5	23.8%	4	33.3%	12	27.3%
25-44	4	66.7%	4	100.0%	13	61.9%	7	58.3%	28	63.6%
45-64	0	0.0%	0	0.0%	2	9.5%	0	0.0%	2	4.5%
65+	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
NORTH CENTRAL HIV REGION TOTAL	6	100.0%	4	100.0%	21	100.0%	12	100.0%	44	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentages of race and sex in each age group.

***Percentage of cases per age group.

Note: Percentages may not total due to rounding.

- The 25-44 age group had the most living HIV cases.
- More females than males were reported in the 13-18 and 19-24 age groups.
- White females equaled or exceeded case counts for HIV prevalence compared to all males and Black females as shown in Table 13.

Table 14. HIV prevalence in heterosexual contacts, by race, by geographic area, North Central HIV Region, 2004

Geographic Area	White		Black		Total*	
	Cases	%**	Cases	%**	Cases	%***
Boone County	8	53.3%	7	46.7%	15	34.1%
Cole County	2	28.6%	4	57.1%	7	15.9%
Remaining Counties	17	77.3%	5	22.7%	22	50.0%
NORTH CENTRAL HIV REGION TOTAL	27	61.4%	16	36.4%	44	100.0%

*Row totals and percentages include Other/Unknown cases not listed in columns.

**Percentages of race and sex in each area.

***Percentage of cases per area.

Note: Percentages may not total due to rounding.

- Among Whites living with HIV who reported heterosexual contact as their likely mode of transmission, 29.6% were diagnosed in Boone County, 7.4% in Cole County, and 63% in the remaining counties of the North Central HIV Region.
- Among Blacks living with HIV in this exposure category, 43.8% were diagnosed in Boone County, 25% in Cole County, and 31.3% in the remaining counties of the region.
- This distribution has remained fairly stable as compared to 2003.

Table 15. HIV and AIDS cases with exposure category assignments for NIRs, North Central HIV Region, 2004 and cumulative (1982-2004)

Exposure Category	HIV cases				AIDS cases			
	2004*		Cumulative		2004		Cumulative	
Adult/Adolescent								
Men who have sex with men	11	68.8%	101	54.3%	4	80.0%	239	57.3%
Men who have sex with man and inject drugs	0	0.0%	8	4.3%	0	0.0%	35	8.4%
Injecting drug use	3	18.8%	18	9.7%	0	0.0%	25	6.0%
Heterosexual contact	2	12.5%	58	31.2%	1	20.0%	70	16.8%
Hemophilia/coagulation disorder	0	0.0%	1	0.5%	0	0.0%	30	7.2%
Blood transfusion/tissue recipient	0	0.0%	0	0.0%	0	0.0%	18	4.3%
No indicated risk	-----	-----	-----	-----	-----	-----	-----	-----
ADULT/ADOLESCENT SUBTOTAL	16	100.0%	186	100.0%	5	100.0%	417	100.0%
Pediatric (<13 years old)								
PEDIATRIC SUBTOTAL	0	0.0%	2	100.0%	0	0.0%	9	100.0%
TOTAL	16		188		5		426	

*HIV cases reported during 2004 which remained HIV cases at the end of the year.

Note: Percentages may not total due to rounding.

- In 2004, five (31.3%) of the HIV cases and one (20%) of the AIDS cases diagnosed in the North Central HIV Region were classified as "No Indicated Risk".

GONORRHEA**Table 1. Reported gonorrhea cases and rates, by selected race and county*, North Central HIV Region, 2004**

County	White			Black			Total**		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Boone County	79	35.0%	69.1	120	53.1%	1,045.4	226	100.0%	166.8
Cole County	39	36.1%	63.2	52	48.1%	737.7	108	100.0%	151.3
Pettis County	47	67.1%	131.2	17	24.3%	1,439.5	70	100.0%	177.7
Callaway County	17	42.5%	45.7	17	42.5%	738.2	40	100.0%	98.1
Audrain County	7	25.9%	29.9	11	40.7%	594.9	27	100.0%	104.4
Marion County	8	38.1%	30.5	10	47.6%	767.5	21	100.0%	74.2
Adair County	11	64.7%	46.3	4	23.5%	1,374.6	17	100.0%	68.1
Cooper County	8	53.3%	54.2	2	13.3%	135.0	15	100.0%	90.0
Randolph County	6	42.9%	27.1	8	57.1%	465.9	14	100.0%	56.8
Saline County	5	45.5%	23.9	5	45.5%	394.3	11	100.0%	46.3
Lewis County	2	28.6%	19.9	4	57.1%	1,515.2	7	100.0%	66.7
Miller County	7	100.0%	30.5	0	0.0%	0.0	7	100.0%	29.7
Linn County	4	100.0%	29.8	0	0.0%	0.0	4	100.0%	29.1
Moniteau County	4	100.0%	29.5	0	0.0%	0.0	4	100.0%	27.0
Camden County	3	100.0%	8.3	0	0.0%	0.0	3	100.0%	8.1
Howard County	0	0.0%	0.0	3	100.0%	432.3	3	100.0%	29.4
Macon County	1	33.3%	6.6	2	66.7%	576.4	3	100.0%	19.0
Monroe County	2	66.7%	22.8	0	0.0%	0.0	3	100.0%	32.2
Morgan County	3	100.0%	16.0	0	0.0%	0.0	3	100.0%	15.5
Pike County	1	33.3%	6.2	0	0.0%	0.0	3	100.0%	16.3
Gasconade County	2	100.0%	13.2	0	0.0%	0.0	2	100.0%	13.0
Shelby County	2	100.0%	30.2	0	0.0%	0.0	2	100.0%	29.4
Chariton County	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	11.9
Maries County	0	0.0%	0.0	0	0.0%	0.0	1	100.0%	11.2
Osage County	1	100.0%	7.8	0	0.0%	0.0	1	100.0%	7.7
Putnam County	1	100.0%	19.4	0	0.0%	0.0	1	100.0%	19.1
Ralls County	1	100.0%	10.6	0	0.0%	0.0	1	100.0%	10.4
Schuyler County	1	100.0%	24.5	0	0.0%	0.0	1	100.0%	24.0
Sullivan County	1	100.0%	15.4	0	0.0%	0.0	1	100.0%	13.9
NORTH CENTRAL HIV REGION TOTAL	263	43.8%	40.6	255	42.5%	730.1	600	100.0%	84.3

*Counties that have a zero case count for 2004 are not listed in the table.

**Totals may include Other/Unknown cases not listed in columns.

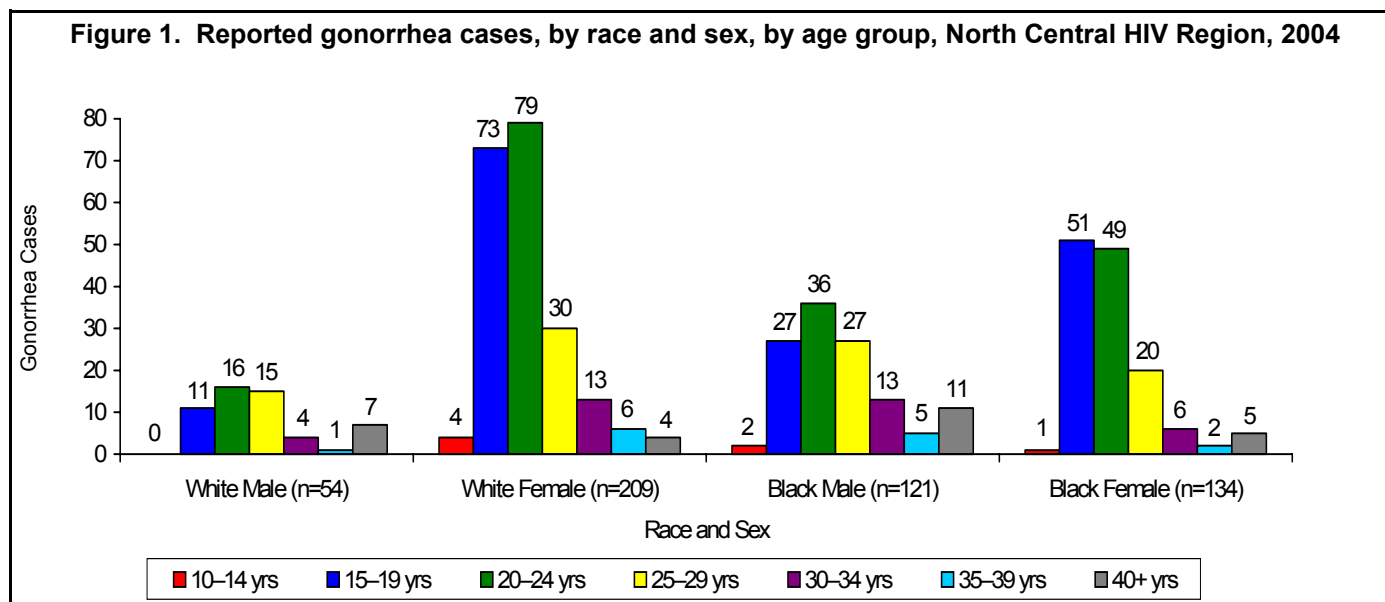
***Per 100,000 population based on 2000 US Census Bureau data. Note that when the number of cases is less than 5, the rate is considered unstable and should be interpreted with caution.

Note: Row percentages are shown. Percentages may not total due to rounding.

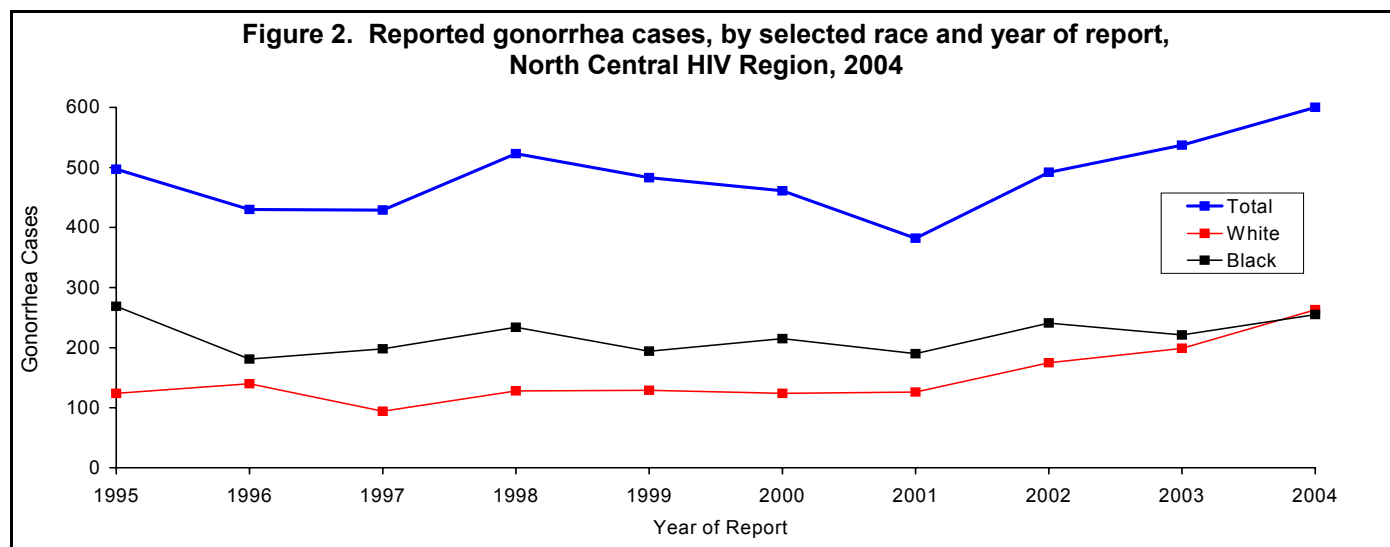
- The case rate for Blacks in the North Central HIV Region was 18 times higher than the case rate for Whites.
- In 2004, Boone County reported the highest percentage of cases (37.7%) among all the counties in the North Central HIV Region.

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- In 2004, the number of gonorrhea cases reported increased by 63 (11.7%) over the number of cases reported in 2003 in the North Central HIV Region.



- Figure 1 depicts 518 (86.3%) cases with complete information for race, sex, and age of the 600 gonorrhea cases reported in 2004.
- In the four specific groups depicted, the highest percentage (34.7%) of cases reported were in individuals 20 to 24 years old.
- The age group with second highest percentage (31.3%) of cases reported were in individuals 15 to 19 years old.
- Among White females, 37.8% of the cases were in individuals 20 to 24 years old.
- Among Black females, 38.1% of the cases were in individuals 15 to 19 years old.



- From 1995 through 2001, the number of gonorrhea cases reported in the North Central HIV Region has fluctuated, but demonstrated an overall downward trend. From 2002 through 2004, the trend increased.
- From 1995 through 2001, the number of gonorrhea cases reported in the North Central HIV Region for Whites and Black has fluctuated, but overall has demonstrated a decrease. However, from 2002 through 2004, the trend for Whites has sharply increased.

CHLAMYDIA**Table 2. Reported chlamydia cases and rates, by race and county*, North Central HIV Region, 2004**

County	White			Black			Total**		
	Cases	%	Rate***	Cases	%	Rate***	Cases	%	Rate***
Boone County	369	50.4%	322.6	268	36.6%	2,334.7	732	100.0%	540.4
Cole County	89	40.0%	144.3	106	39.2%	1,503.8	231	100.0%	323.5
Marion County	101	63.1%	385.0	21	19.1%	1,611.7	141	100.0%	498.4
Pettis County	86	59.0%	240.2	12	14.8%	1,016.1	132	100.0%	335.0
Callaway County	81	60.2%	217.8	24	14.4%	1,042.1	124	100.0%	31.1
Audrain County	34	46.6%	145.1	22	28.9%	1,189.8	76	100.0%	294.0
Camden County	47	70.1%	130.7	3	4.5%	3,191.5	67	100.0%	180.8
Randolph County	49	75.4%	221.1	7	10.8%	407.7	65	100.0%	263.6
Adair County	38	65.5%	160.1	7	12.1%	2,405.5	58	100.0%	232.2
Cooper County	22	46.8%	149.0	14	29.8%	944.7	47	100.0%	281.9
Saline County	25	55.6%	119.5	12	26.7%	946.4	45	100.0%	189.4
Miller County	32	86.5%	139.5	1	2.7%	1,587.3	37	100.0%	157.0
Pike County	14	50.0%	86.9	5	17.9%	299.0	28	100.0%	152.6
Macon County	18	66.7%	119.4	5	18.5%	1,440.9	27	100.0%	171.3
Moniteau County	19	76.0%	140.2	0	0.0%	0.0	25	100.0%	168.6
Morgan County	21	91.3%	112.3	0	0.0%	0.0	23	100.0%	119.1
Lewis County	16	72.7%	159.5	4	18.2%	1,515.2	22	100.0%	209.6
Linn County	19	95.0%	141.7	0	0.0%	0.0	20	100.0%	145.4
Montgomery County	13	72.2%	112.1	3	16.7%	1,224.5	18	100.0%	148.3
Ralls County	15	93.8%	159.7	0	0.0%	0.0	16	100.0%	166.2
Howard County	8	53.3%	86.3	5	33.3%	720.5	15	100.0%	146.9
Monroe County	10	66.7%	114.0	2	13.3%	560.2	15	100.0%	161.1
Sullivan County	11	78.6%	169.0	0	0.0%	0.0	14	100.0%	193.9
Osage County	8	72.7%	62.4	0	0.0%	0.0	11	100.0%	84.2
Chariton County	6	60.0%	74.4	0	0.0%	0.0	10	100.0%	118.5
Gasconade County	9	90.0%	59.6	0	0.0%	0.0	10	100.0%	65.2
Maries County	5	55.6%	58.1	2	22.2%	6,896.6	9	100.0%	101.1
Clark County	3	75.0%	41.1	0	0.0%	0.0	4	100.0%	53.9
Putnam County	3	100.0%	58.2	0	0.0%	0.0	3	100.0%	57.4
Scotland County	0	0.0%	0.0	0	0.0%	0.0	3	100.0%	60.2
Knox County	1	100.0%	23.4	0	0.0%	0.0	1	100.0%	22.9
Schuyler County	1	100.0%	24.5	0	0.0%	0.0	1	100.0%	24.0
Shelby County	1	100.0%	15.1	0	0.0%	0.0	1	100.0%	14.7
NORTH CENTRAL HIV REGION TOTAL	1,174	57.8%	181.0	523	25.8%	1,497.5	2,031	100.0%	285.4

*Counties that have a zero case count for 2004 are not listed in the table.

**Totals may include Other/Unknown cases not listed in columns.

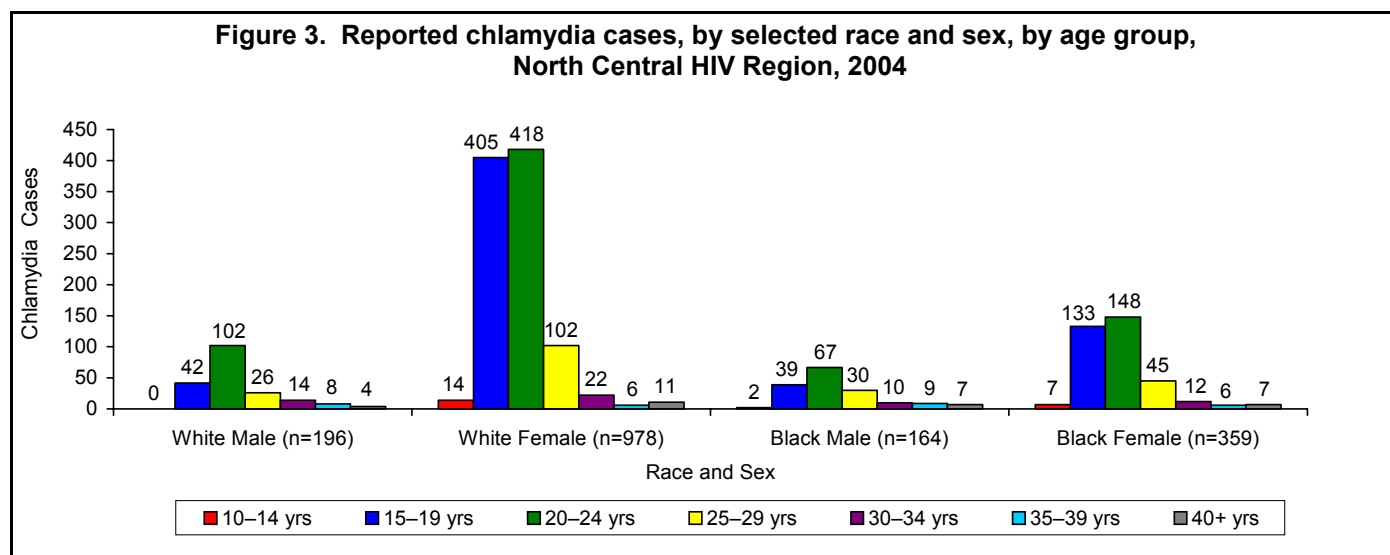
***Per 100,000 population based on 2000 US Census Bureau data. Note that when the number of cases is less than 5, the rate is considered unstable and should be interpreted with caution.

Note: Row percentages are shown. Percentages may not total due to rounding.

- The case rate for Blacks in the North Central HIV Region was 8.3 times higher than the case rate for Whites.

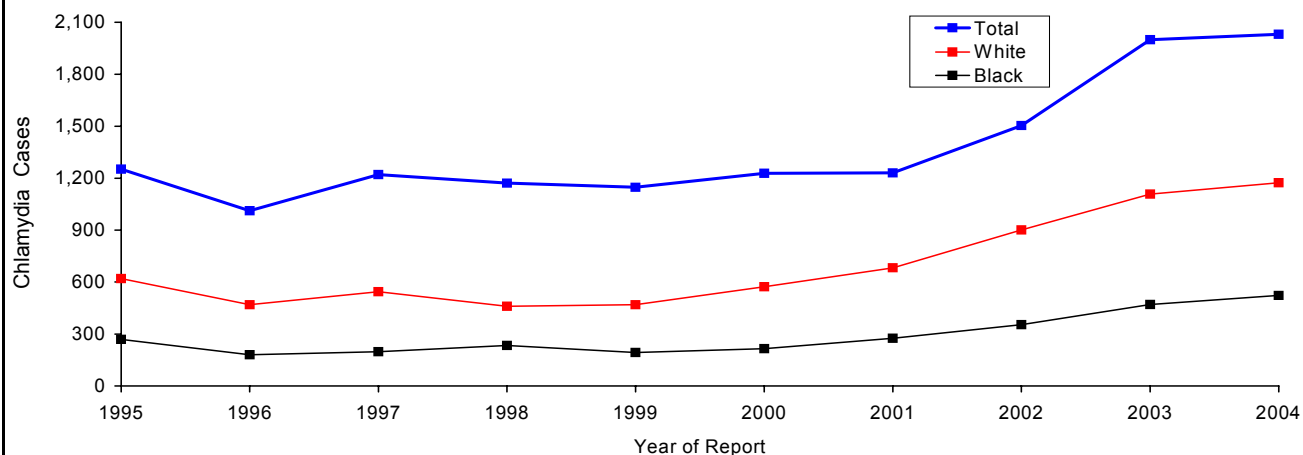
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- In 2004, Boone County reported the highest percentage of cases (36.0%) among all the counties in the North Central HIV Region.
- In 2004, the number of chlamydia cases reported increased by 32 (1.6%) over the number of cases reported in 2003 in the North Central HIV Region.



- Figure 3 depicts 1,697 (83.6%) cases with complete information for race, sex, and age of the 2,031 chlamydia cases reported in 2004.
- In the four age groups depicted, the highest percentage (43.3%) of cases reported were in individuals 20 to 24 years old.
- The age group with second highest percentage (36.5%) of cases reported were in individuals 15 to 19 years old.

Figure 4. Reported chlamydia cases, by selected race and year of report, North Central HIV Region, 2004



- The number of chlamydia cases reported in the North Central HIV Region was basically stable from 1995 through 2001. The number of cases increased sharply in 2002 and 2003, followed by a minor increase in 2004.
- The same general trend as the state can be seen for Whites and Blacks from 1995 through 1999. The number of cases in Whites and Blacks have been increasing each year beginning in 2000.